

bedded in the raised border and is coextensive therewith.

37. The integrated touch panel system of claim 26 wherein the second means comprises a substantially optically transparent, electrically conductive film disposed on the raised border and in electrical contact with the first means and the third means.

38. The integrated touch panel system of claim 37 wherein the film comprises gold.

39. The integrated touch panel system of claim 37 wherein the film comprises indium tin oxide.

40. The integrated touch panel system of claim 26 wherein the second means comprises forming the raised border of electrically conductive material.

41. The integrated touch panel system of claim 26 further comprising:

fifth means for rigidly mounting light beam sources and light beam detectors and associated electronics in relation to the bezel and adjacent the raised border;

sixth means for rigidly mounting the raised border in relation to the bezel; and

seventh means for rigidly mounting the faceplate in relation to the bezel;

whereby the fifth means, raised border, and faceplate may be removed with the bezel as a unit from the front of the outer enclosure.

42. The integrated touch panel system of claim 26 wherein the faceplate extends beyond the screen and wherein eighth means are provided for displaying a fixed function key legend in the area thereof beyond the screen.

43. The integrated touch panel system of claim 42 wherein the eighth means comprises mounting a rigid frame behind the faceplate on which the fixed function key legend is displayed so that it may be viewed through the area of the faceplate extending beyond the screen.

44. The integrated touch panel system of claim 42 wherein the eighth means comprises etching the fixed function key legend into the faceplate.

45. The integrated touch panel system of claim 42 wherein a status indication of the fixed function key legend is displayed on the screen adjacent that legend.

46. An integrated, electromagnetic energy interference shielding, light beam touch panel system for use in

conjunction with a display apparatus having a screen upon which information is displayed, comprising:

a substantially optically transparent faceplate disposed across the screen through which the screen may be viewed;

first means for shielding the faceplate against the propagation through it of electromagnetic energy interference comprising an electrically conductive wire mesh embedded in the faceplate and coextensive therewith;

a raised border through which the light beams pass disposed at a preselected position in relation to the faceplate and at an obtuse angle to the faceplate to define an active touch panel area over the faceplate;

second means for shielding the raised border against the propagation through it of electromagnetic energy interference, the second means comprising positioning the wire mesh so that it is also coextensive with the raised border;

an electrically conductive bezel mounted at the front of the display apparatus and in contact with the raised border and the wire mesh; and

an electrically conductive outer enclosure substantially surrounding the sides, top, bottom, and back of the display apparatus and in electrical contact with the bezel;

whereby electrically conductive shielding substantially surrounds the display apparatus.

47. The integrated touch panel system of claim 46 wherein the faceplate extends beyond the screen and wherein third means are provided for displaying a fixed function key legend in the area thereof beyond the screen.

48. The integrated touch panel system of claim 47 wherein the third means comprises mounting a rigid frame behind the faceplate on which the fixed function key legend is displayed so that it may be viewed through the area of the faceplate extending beyond the screen.

49. The integrated touch panel system of claim 47 wherein the third means comprises etching the fixed function key legend into the faceplate.

50. The integrated touch panel system of claim 47 wherein a status indication of the fixed function key legend is displayed on the screen adjacent that legend.

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